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In the Claims

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please cancel claims 2-40 without prejudice or disclaimer.

1. (Original) A method for inducing an immune response, comprising: topically administering to a subject an oil-in-water emulsion and an immunostimulatory nucleic acid in an effective amount to induce an immune response.

2. - 40. (Cancelled)

- 41. (Original) A composition comprising
- an immunostimulatory nucleic acid and an oil-in-water emulsion, formulated for topical skin or mucosal delivery.
- 42. (Original) The composition of claim 41, further comprising administering an antigen.
- 43. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid is a CpG immunostimulatory nucleic acid.
- 44. (Original) The composition of claim 41, wherein the oil-in-water emulsion and the immunostimulatory nucleic acid is administered to a mucosal surface.
- 45. (Original) The composition of claim 44, wherein the mucosal surface is an oral surface, a rectal surface, a nasal surface, a vaginal surface or an ocular surface.
- 46. (Original) The composition of claim 41, wherein the oil-in-water emulsion and the immunostimulatory nucleic acid is administered to a skin surface.

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47. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid is a T-rich nucleic acid.

- 48. (Original) The composition of claim 47, wherein the T-rich nucleic acid has a sequence selected from the group consisting of SEQ ID NOs: 52 57 and SEQ ID NOs: 62 94.
- 49. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid is a poly-G nucleic acid.
- 50. (Original) The composition of claim 49, wherein the poly-G nucleic acid has a sequence selected from the group consisting of SEQ ID NO: 46, SEQ ID NO: 47, SEQ ID NO: 58, SEQ ID NO: 61 and SEQ ID NOs: 95 -133.
- 51. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid has a sequence selected from the group consisting of SEQ ID NOs: 1 146.
- 52. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid has a modified backbone.
- 53. (Original) The composition of claim 52, wherein the modified backbone is a phosphate modified backbone.
- 54. (Original) The composition of claim 53, wherein the phosphate modified backbone is a phosphorothioate modified backbone.
- 55. (Original) The composition of claim 53, wherein the modified backbone is a peptide modified oligonucleotide backbone.

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56. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid has the nucleotide sequence of TCG TCG TTT TGT CGT TTT GTC GTT (SEQ ID NO:147), TCG TCG TTT CGT CGT TTC GTC GTT (SEQ ID NO:148), TCG TCG TTT TTC GGT CGT TTT (SEQ ID NO:149), TCG TCG TTT CGT CGT TTT GTC GTT (SEQ ID NO:150), TCG TCG TTT TGT CGT TTT TTT CGA (SEQ ID NO:151) or TCG TCG TTT TTC GTG CGT TTT T (SEQ ID NO:152).

- 57. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid has the nucleotide sequence of TCGTCGTTGTCGTTTTGTCGTT (SEQ ID NO:153).
- 58. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid and oil-in-water emulsion is formulated for mucosal delivery.
- 59. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid and oil-in-water emulsion is formulated for oral deliver, ocular delivery, nasal delivery, vaginal delivery or rectal delivery.
- 60. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid and oil-in-water emulsion is formulated for skin delivery.
- 61. (Original) The composition of claim 41, wherein the immunostimulatory nucleic acid is a class A immunostimulatory nucleic acid, a class C immunostimulatory nucleic acid, a semi-soft immunostimulatory nucleic acid or a soft immunostimulatory nucleic acid.